

DECLARATION - USA PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled NOVEL PLASMID VECTOR; the specification of which was filed on **April 27, 2000**, as Application Serial No. **PCT/JP00/02785**.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: **Atsushi Katsumata**

Inventor's signature Atsushi Katsumata

Date January 31, 2001

Residence: **120-4, Inume-cho, Hachioji-shi, Tokyo 193-0802 Japan**

Citizenship: **Japan**

Post Office Address: **Same as above**

2-00 Full name of second inventor: Sumio Hoshi

Inventor's signature Sumio Hoshi

Date January 31, 2001

Residence: 208, Neostage Hamura, 1-4, Shinmeidai 3-chome, Hamura-shi, Tokyo 205-0023 Japan

Citizenship: **Japan**

Post Office Address: **Same as above**

3-00 Full name of third inventor: Takeshi Ihara

Inventor's signature Takeshi Ihara

Date January 31, 2001

Residence: 171-1, Imai 1-chome, Ome-shi, Tokyo 198-0023 Japan

Citizenship: **Japan**

Post Office Address: **Same as above**

4-00 Full name of fourth inventor: Susumu Ueda

Inventor's signature Susumu Ueda

Date January 31, 2001

Residence: 12-19, Nakaarai 3-chome, Tokorozawa-shi, Saitama 359-0041 Japan

Citizenship: **Japan**

Post Office Address: **Same as above**

Send Correspondence To:
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995

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PATENT

Application No.: Unknown
Filing Date: Herewith

Client Code: HIKAR1.001APC

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ASSIGNMENT

WHEREAS, We, Atsushi Katsumata, a citizen of Japan, residing at 120-4, Inume-cho, ^{Hachioji-shi} ~~Hachioji-shi~~, Tokyo 193-0802, Japan, Sumio Hoshi, a citizen of Japan, residing at 208, Neostage Hamura 1-4, Shinmeidai 3-chome, Hamura-shi, Tokyo 205-0023 Japan, Takeshi Ihara, a citizen of Japan, residing at 171-1, Imai 1-chome, Ome-shi, Tokyo 198-0023 Japan, Susumu Ueda, a citizen of Japan, residing at 12-19, Nakaarai 3-chome Tokorozawa-shi, Saitama 359-0041 Japan, have invented certain new and useful improvements in a NOVEL PLASMID VECTOR for which we have filed an application for Letters Patent in the United States, Herewith, a National Phase Application for PCT/JP00/02785, filed April 27, 2000;

AND WHEREAS, NIPPON INSTITUTE FOR BIOLOGICAL SCIENCE (hereinafter "ASSIGNEE"), a Japanese Corporation, with its principal place of business at 2221-1, Shin-machi 9-chome, Ome-shi, Tokyo 198-0024 Japan, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 31st day of January, ~~2000~~ ²⁰⁰¹ 2001, 1, 31

Atsushi Katsumata
Atsushi Katsumata

STATE OF

COUNTY OF

} ss.

On _____, before me, _____, personally appeared Atsushi Katsumata personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

Application No.: Unknown
Filing Date: Unknown

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Client Code: HIKAR1.001APC
Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 31st day of January, 2001.

Sumio Hoshi

Sumio Hoshi

STATE OF

COUNTY OF

} ss.

On _____, before me, _____, personally appeared Sumio Hoshi personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 31st day of January, 2001.

Takeshi Ihara

Takeshi Ihara

STATE OF

COUNTY OF

]] ss.

On _____, before me, _____, personally appeared Takeshi Ihara personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

Application No.: Unknown
Filing Date: Unknown

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Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 31st day of January, 2001.

Susumu Ueda
Susumu Ueda

STATE OF

COUNTY OF

]] ss.

On _____, before me, _____, personally appeared Susumu Ueda personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Notary Signature